

TRANSMITTAL FORM

Application Serial Number	10/099,881
Filing Date	March 15, 2002
First Named Inventor	Kaufman et al.
Group Art Unit	2621
Examiner Name	Andrew W. Johns
Attorney Docket No.	MDS-030
Patent No.	Not applicable
Issue Date	Not applicable

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ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Check Attached <input type="checkbox"/> Copy of Fee Transmittal Form <input type="checkbox"/> Amendment/Response <input type="checkbox"/> Preliminary <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Letter to Official Draftsperson including Drawings [Total Sheets ____] <input type="checkbox"/> Petition for Extension of Time <input checked="" type="checkbox"/> Third Supplemental Information Disclosure Statement (3 pgs.) <input checked="" type="checkbox"/> Third Supplemental Form PTO-1449 (1 pg.) <input checked="" type="checkbox"/> Copies of SIDS Citations (A228-A239, B30-B32 and C108-C109) <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Sequence Listing submission <input type="checkbox"/> Paper Copy/CD <input type="checkbox"/> Computer Readable Copy <input type="checkbox"/> Statement verifying identity of above	<input type="checkbox"/> Copy of Notice to File Missing Parts of Application <input type="checkbox"/> Formal Drawing(s) <input type="checkbox"/> Request For Continued Examination (RCE) Transmittal <input type="checkbox"/> Power of Attorney (Revocation of Prior Powers) <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Executed Declaration and Power of Attorney for Utility or Design Patent Application <input type="checkbox"/> Small Entity Statement <input type="checkbox"/> CD(s) for large table or computer program <input type="checkbox"/> Amendment After Allowance <input type="checkbox"/> Request for Certificate of Correction <input type="checkbox"/> Certificate of Correction (in duplicate)	<input type="checkbox"/> Notice of Appeal to Board of Patent Appeals and Interferences <input type="checkbox"/> Appeal Brief (in triplicate) <input type="checkbox"/> Status Inquiry <input checked="" type="checkbox"/> Return Receipt Postcard <input checked="" type="checkbox"/> Certificate of First Class Mailing under 37 C.F.R. 1.8 <input type="checkbox"/> Certificate of Facsimile Transmission under 37 C.F.R. 1.8 <input type="checkbox"/> Additional Enclosure(s) (please identify below)
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CORRESPONDENCE ADDRESS

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SIGNATURE BLOCK

Date: July 27, 2004
Reg. No.: 53,002
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Respectfully submitted,

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PATENT

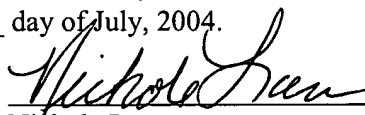
Attorney Docket No. MDS-030

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: Kaufman et al. CONFIRMATION NO.: 5399
SERIAL NO.: 10/099,881 GROUP NO.: 2621
FILING DATE: March 15, 2002 EXAMINER: Andrew W. Johns
TITLE: IMAGE PROCESSING USING MEASURES OF SIMILARITY

CERTIFICATE OF FIRST CLASS MAILING UNDER 37 C.F.R. 1.8

I hereby certify that this correspondence, and any document(s) referred to as enclosed herein, is/are being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this 27 day of July, 2004.


Nichole Loura

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Submitted herewith are:

1. Transmittal Form (1 page);
2. Third Supplemental Information Disclosure Statement (3 pages);
3. Third Supplemental Form PTO-1449 (1 page);
4. Copies of IDS citations (A228-A239, B30-B32 and C108-C109); and
5. Return receipt postcard.



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PATENT
Attorney Docket No. MDS-030
(6219/26)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: Kaufman et al. CONFIRMATION NO.: 5399
SERIAL NO.: 10/099,881 GROUP NO.: 2621
FILING DATE: March 15, 2002 EXAMINER: Andrew W. Johns
TITLE: IMAGE PROCESSING USING MEASURES OF SIMILARITY

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

THIRD SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with the provisions of 37 C.F.R. 1.97 and 1.98, Applicants hereby make of record the patents and publications listed on the accompanying Form PTO-1449, and other information contained herein, for consideration by the Examiner in connection with the examination of the above-identified patent application. Copies of the patents and publications are enclosed.

REMARKS

In accordance with the provisions of 37 C.F.R. 1.97, this statement is being filed (CHECK ONE):

- ☒ (1) within three (3) months of the **filing date** of a national application other than a continued prosecution application under 37 C.F.R. 1.53(d), or within three (3) months of the **date of entry of the national stage** as set forth in 37 C.F.R. 1.491 in an international application, or before the mailing of the **first Office action** on the merits, or before the mailing of a **first Office action** after the filing of a request for continued examination under 37 C.F.R. 1.114; or
- ☐ (2) after the period defined in (1) but before the mailing date of a **final action** or a **notice of allowance** under 37 C.F.R. 1.311, and
- ☐ the requisite Statement is below, **OR**
☐ the requisite fee under 37 C.F.R. 1.17(p), namely **\$180.00**, is included herein, or

☐ (3) after the mailing date of a **final action** or **notice of allowance** but before the payment of the **issue fee**, **AND**

☐ the requisite Statement is below, **AND**

☐ the requisite petition fee under 37 C.F.R. 1.17(p), namely **\$180.00** is included herein.

In addition, Applicants wish to inform the Examiner of the following commonly-owned, co-pending applications:

- 1) U.S. Serial No. 09/841,325, Attorney Docket No. MDS-009CN, filed on 4/24/01, by Modell et al.;
- 2) U.S. Serial No. 09/591,706, Attorney Docket No. MDS-012, filed on 6/9/00, by Nordstrom et al.;
- 3) U.S. Serial No. 09/738,614, Attorney Docket No. MDS-013A, filed on 12/15/00, by Kaufman et al.;
- 4) U.S. Serial No. 10/068,133, Attorney Docket No. MDS-013AC2, filed on 2/5/02, by Kaufman et al.;
- 5) U.S. Serial No. 09/738,147, Attorney Docket No. MDS-013B, filed on 12/15/00, by Kaufman et al.;
- 6) U.S. Serial No. 10/411,777, Attorney Docket No. MDS-013BC1, filed on 4/11/03, by Kaufman et al.;
- 7) U.S. Serial No. 10/870,672, Attorney Docket No. MDS-014C2, filed on 6/17/04, by Modell et al.;
- 8) U.S. Serial No. 10/122,429, Attorney Docket No. MDS-015CN, filed on 4/12/02, by Nordstrom et al.;
- 9) U.S. Serial No. 09/481,762, Attorney Docket No. MDS-016, filed on 1/11/00, by Modell et al.;
- 10) U.S. Serial No. 10/701,123, Attorney Docket No. MDS-016CN, filed on 11/4/03, by Modell et al.;
- 11) U.S. Serial No. 09/738,612, Attorney Docket No. MDS-020, filed on 12/15/00, by Costa et al.;
- 12) U.S. Serial No. 10/872,128, Attorney Docket No. MDS-020C1, filed on 6/18/04, by Costa et al.;
- 13) U.S. Serial No. 10/071,932, Attorney Docket No. MDS-022C1, filed on 2/8/02, by Nordstrom et al.;
- 14) U.S. Serial No. 10/192,820, Attorney Docket No. MDS-028, filed on 7/10/02, by Schomacker et al.;
- 15) U.S. Serial No. 10/273,511, Attorney Docket No. MDS-031, filed on 10/18/02, by Clune et al.;
- 16) U.S. Serial No. _____, Attorney Docket No. MDS-032C1, filed on 7/19/04, by Zelenchuk;
- 17) U.S. Serial No. 10/243,535, Attorney Docket No. MDS-033, filed on 9/13/02, by Schomacker et al.;
- 18) U.S. Serial No. 10/848,735, Attorney Docket No. MDS-033C1, filed on 5/19/04, by Schomacker et al.;
- 19) U.S. Serial No. 10/295,794, Attorney Docket No. MDS-034, filed on 11/15/02, by Schomacker et al.;
- 20) U.S. Serial No. 10/828,624, Attorney Docket No. MDS-034DV, filed on 4/21/04, by Schomacker et al.;
- 21) U.S. Serial No. 10/418,922, Attorney Docket No. MDS-035, filed on 4/18/03, by Flewelling et al.;
- 22) U.S. Serial No. 10/418,902, Attorney Docket No. MDS-035A, filed on 4/18/03, by Jiang et al.;
- 23) U.S. Serial No. 10/418,974, Attorney Docket No. MDS-035B, filed on 4/18/03, by Jiang;
- 24) U.S. Serial No. 10/418,668, Attorney Docket No. MDS-035D, filed on 4/18/03, by Costa et al.;

- 25) U.S. Serial No. 10/418,975, Attorney Docket No. MDS-035E, filed on 4/18/03, by Jiang et al.;
- 26) U.S. Serial No. 10/418,415, Attorney Docket No. MDS-035F, filed on 4/18/03, by Schomacker et al.;
- 27) U.S. Serial No. 10/419,181, Attorney Docket No. MDS-035G, filed on 4/18/03, by Jiang et al.; and
- 28) U.S. Serial No. 10/418,973, Attorney Docket No. MDS-035H, filed on 4/18/03, by Schomacker et al.

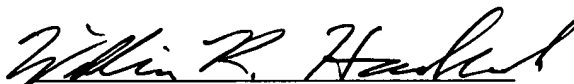
It is respectfully requested that each of the patents and publications listed on the attached Form PTO-1449, and other information contained herein, be made of record in this application.

STATEMENT

As required under 37 C.F.R. 1.97(e), Applicant(s), through the undersigned, hereby state either that [check the appropriate space only if either (2) or (3) is checked on the previous page and the Statement is required]:

- ☐ 1. Each item of information contained in the Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application **not more than three months** prior to the filing of the Information Disclosure Statement; or
- ☐ 2. No item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing this Statement after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to **any individual** designated in 37 C.F.R. 1.56(c) **more than three months** prior to the filing of the Information Disclosure Statement.

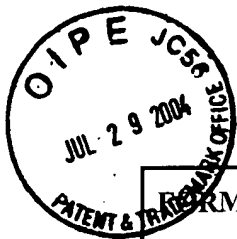
Respectfully submitted,



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FORM PTO - 1449				ATTORNEY DOCKET NO.: MDS-030					
THIRD SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT				APPLICANT(S): Kaufman et al.					
				SERIAL NO.: 10/099,881					
				FILING DATE: March 15, 2002 GROUP: 2621					
U.S. PATENT DOCUMENTS									
EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE		
	A228	4,515,165	05/07/1985	Carroll	128	664	09/15/1981		
	A229	4,558,462	12/10/1985	Horiba <i>et al.</i>	382	42	08/31/1983		
	A230	4,641,352	02/03/1987	Fenster <i>et al.</i>	382	6	07/12/1984		
	A231	5,643,175	07/01/1997	Adair	600	133	02/05/1996		
	A232	6,083,487	07/04/2000	Biel	424	9.6	08/25/1998		
	A233	6,187,289	02/13/2001	Richards-Kortum <i>et al.</i>	424	9.8	10/20/1998		
	A234	6,258,576	07/10/2001	Richards-Kortum <i>et al.</i>	435	172	06/19/1996		
	A235	6,768,918	07/27/2004	Zelenchuk	600	476	07/10/2002		
	A236	2002/0107668	08/08/2002	Costa <i>et al.</i>	702	189	12/15/2000		
	A237	2004/0007674	01/15/2004	Schomacker <i>et al.</i>	250	458.1	09/13/2002		
	A238	2004/0010187	01/15/2004	Schomacker <i>et al.</i>	600	317	07/10/2002		
	A239	2004/0023406	02/05/2004	Schomacker <i>et al.</i>	436	164	11/15/2002		
FOREIGN PATENT DOCUMENTS									
EXAM. INIT.		DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG (Y/N)
	B30	WO 00/41615	07/20/00	PCT			01/11/00	N	Y
	B31	WO 00/57361	09/28/00	PCT			3/17/00	N	Y
	B32	WO 00/74556	12/14/00	PCT			6/9/00	N	Y
OTHER ART, JOURNAL ARTICLES, ETC.									
EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)								
	C108	Noble et al., "Automated, Nonrigid Alignment of Clinical Myocardial Contrast Echocardiography Image Sequences: Comparison with Manual Alignm'ent," <u>Ultrasound in Medicine and Biology</u> , Vol. 28, No. 1 (2002), pp. 115-123.							
	C109	Ko et al., "Multiresolution Registration of Coronary Artery Image Sequences," <u>International Journal of Medical Informatics</u> , Vol. 44 (1997), pp. 93-104.							
EXAMINER					DATE CONSIDERED				